



Dpw

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

Re: Attorney Docket No. Doshi 57-6-22-18-34

In re application of: Bharat T. Doshi, Zbigniew M. Dziong, Ramesh Nagarajan,  
Muhammad A. Qureshi and Yung-Terng Wang

Serial No.: 10/673,383

Group No.: 2182

Filed: 09/26/03

Examiner: Not yet assigned

Matter No.: 990.0433

For: Primary/Restoration Path Calculation In Mesh Networks Based On Multiple-Cost Criteria

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 CFR § 1.56, this is an Information Disclosure Statement (IDS) for the above-captioned U.S. patent application. An IDS Form PTO-1449 listing references is enclosed herewith and forms a part hereof. Submission of references is not an admission that those references are in fact prior art.

Certification Under 37 CFR § 1.704(d)

- [ ] Each item of information contained in this statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of this statement.

Certification Under 37 CFR § 1.97(e)

- [ ] Each item of information contained in this statement was either (1) cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement or (2) not known to any individual designated in § 1.56(c) more than three months prior to the filing of this statement.

\*

\*

\*

\*

\*

Certification Under 37 CFR 1.8

Date of Deposit November 17, 2005.

I hereby certify that this paper and any accompanying papers or fees are being deposited with the U.S. Postal Service with sufficient postage as first class mail under 37 CFR 1.8 on the date indicated above and addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Mary E. Caniz  
(Name of person mailing)

Mary E. Caniz  
(Signature of person mailing)

Fee Under 37 CFR § 1.97(c)

[ ] The fee for submission of this IDS under § 1.97(c) is \$180.00 as set forth in § 1.17(p).

Petition Under 37 CFR § 1.97(d)

[ ] This is a petition requesting consideration of an IDS under § 1.97(d). The petition fee for submission of this IDS under § 1.97(d) is \$180.00 as set forth in § 1.17(p).

Provision of Copies of References

[X] A copy of each of the listed references is enclosed herewith and forms a part hereof.

[ ] A translation of each of Reference(s) \_\_\_ is enclosed herewith and forms a part hereof.

[ ] A copy of the International Search Report from a corresponding PCT application is enclosed herewith.

[ ] A copy of the European Search Report from a corresponding EPO application is enclosed herewith.

[ ] A copy of the final U.S. office action for U.S. patent application no. \_\_\_\_\_ filed on \_\_\_\_\_ as attorney docket no. (Case name or our ref.).

[ ] The above-captioned U.S. patent application is a

- [ ] continuation
- [ ] divisional
- [ ] continuation-in-part

application of U.S. application serial number \_\_\_\_, filed on \_\_\_\_ as Attorney Docket No. \_\_\_\_.  
Each of the listed references was previously cited by or submitted to the Office in the prior application. The above-captioned U.S. patent application relies upon the prior application for an earlier filing date under 35 U.S.C. 120. Pursuant to § 1.98(d), copies of the listed references are not being provided with this IDS.

Authorization To Charge Deposit Account

[X] Authorization is given to charge the deposit account of **Mendelsohn & Associates, P.C. Deposit Account No. 50-0782** for any fee under § 1.97(c) or § 1.97(d).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449 form as confirmation that each of the documents has been considered.

Respectfully submitted,

Date: 11/17/05  
Customer No. 46850  
Mendelsohn & Associates, P.C.  
1500 John F. Kennedy Blvd., Suite 405  
Philadelphia, Pennsylvania 19102

Steve Mendelsohn  
Steve Mendelsohn  
Registration No. 35,951  
Attorney for Applicant  
(215) 557-6657

Enclosures

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE  
(Rev. 2-32) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

Doshi 57-6-22-18-34

10/673,383

APPLICANT

Bharat T. Doshi, Zbigniew M. Dziong, Muhammad A. Qureshi,  
Muhammad A. Qureshi and Yung-Terng Wang

FILING DATE

GROUP

9/26/03

2182

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BA	"Optical Network Design and Restoration" by B. T. Doshi, et al., BLTJ, January-March 1999.
BB	"Design of a Meta-mesh of Chain Subnetworks: Enhancing the Attractiveness of Mesh-Restorable WDM networking on Low Connectivity Graphs" by W. D. Grover and J. Doucette, IEEE JSAC, Vol. 20, No. 1, January 2002.
BC	"SONET Bidirectional Line-Switched Ring Equipment Generic Criteria," Generic Requirements, GR-1230-CORE, Issue 4, December 1998, pps. 3-48 through 3-61.

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.